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Surface-mounted component's contact having a soldering portion

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Abstract of EP0373003

An electrical connector (1) (see Fig. 1) which is to be surface-mounted to a printed circuit board (6) has terminals (11) with inverted "T"-shaped soldering portions (12) to be electrically connected to conductors on the printed circuit board (6) each by soldering its soldering portion (12) to a conductor. The soldering portion comprises a flat foot (17) and a leg (18) which is integrally connected to and rising from the midportion of said foot (17). The relatively large foot (17) has an effect of causing substantial reduction of load per unit soldering area upon application of an undesired force to the terminal (11) and of increasing the strength of the soldering joint against removal from the conductor of the printed circuit board (6).

FIG.5

